



FORCEnet Assessments



Skip Hiser
NETWARCOM N8E

Approved for public release; distribution is unlimited



FORCEnet Domain





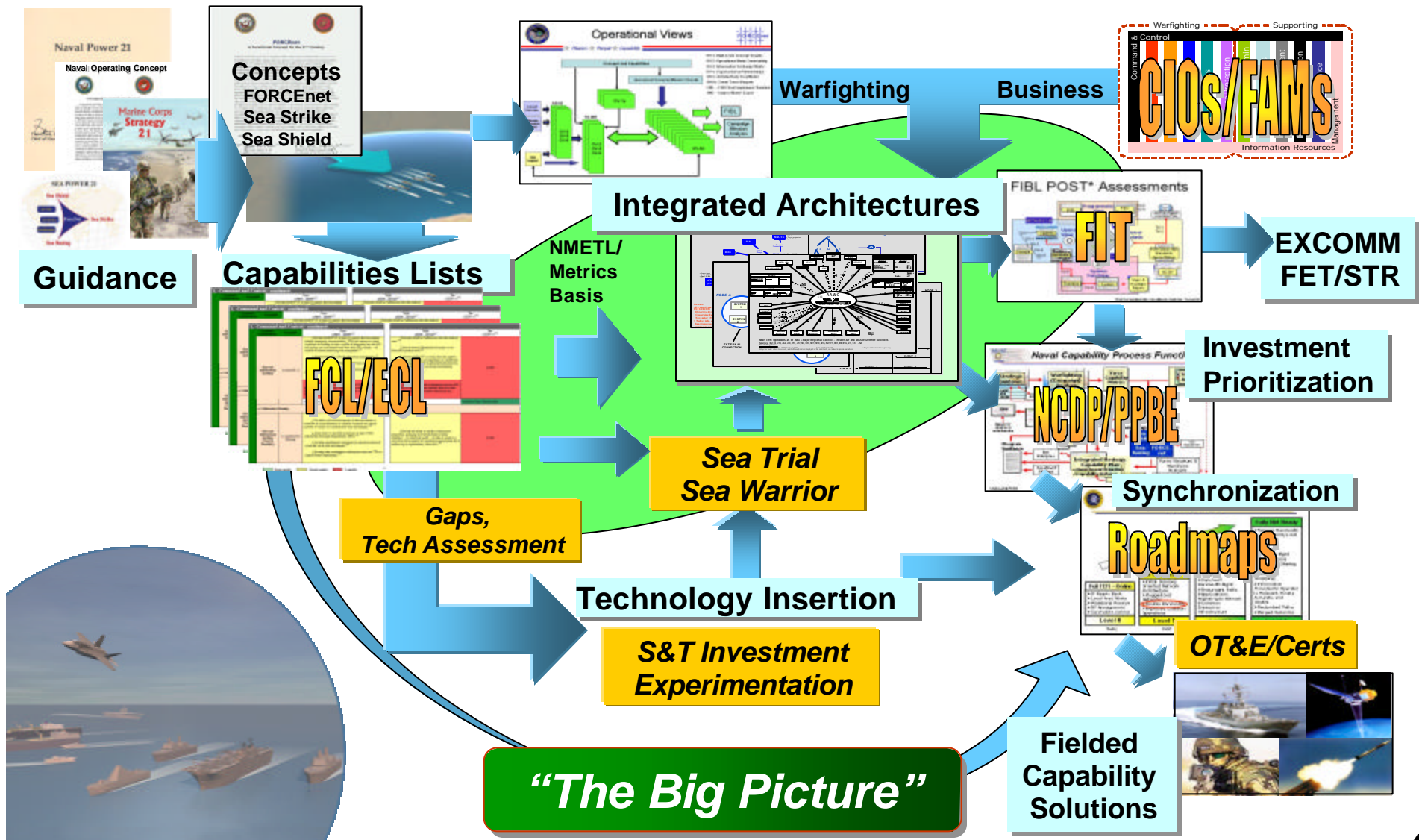
Networks as a Weapon System



- ***People are at risk without assured, secure, timely and accurate information***
- ***Information is the domain of the Battle Environment***
 - ***Must have superiority / dominance***
- ***FORCEnet drives information / decision superiority***
 - ***Speed and agility***
 - ***Can dissuade and deter***
 - ***If needed, dominates, defend and defeat***
 - ***Accelerate pace of operations***
 - ***Reduce risk to friendly forces***
 - ***More precise, minimized collateral effects***
 - ***Netted, distributed, effective use of force***

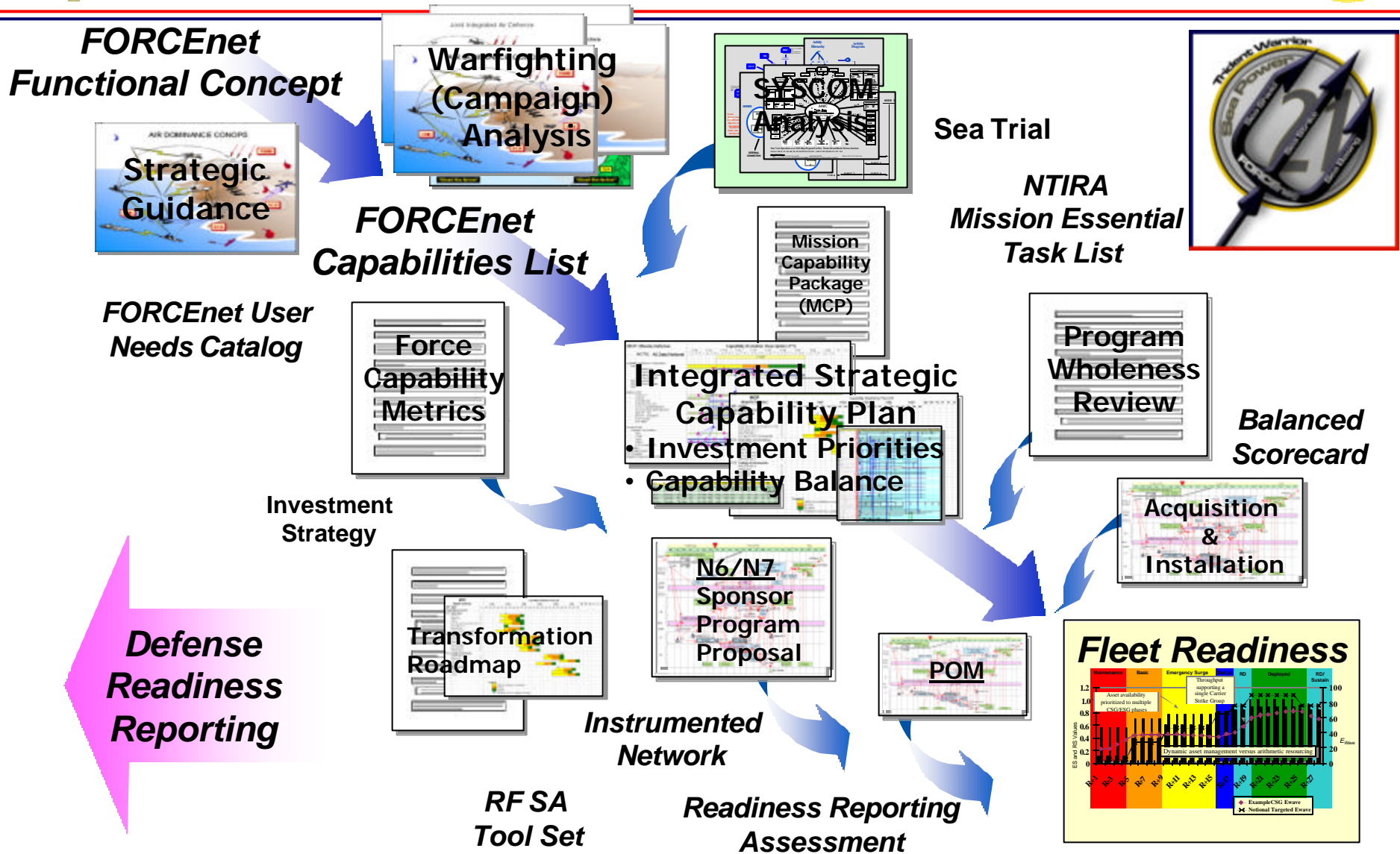


Concept Based Strategy



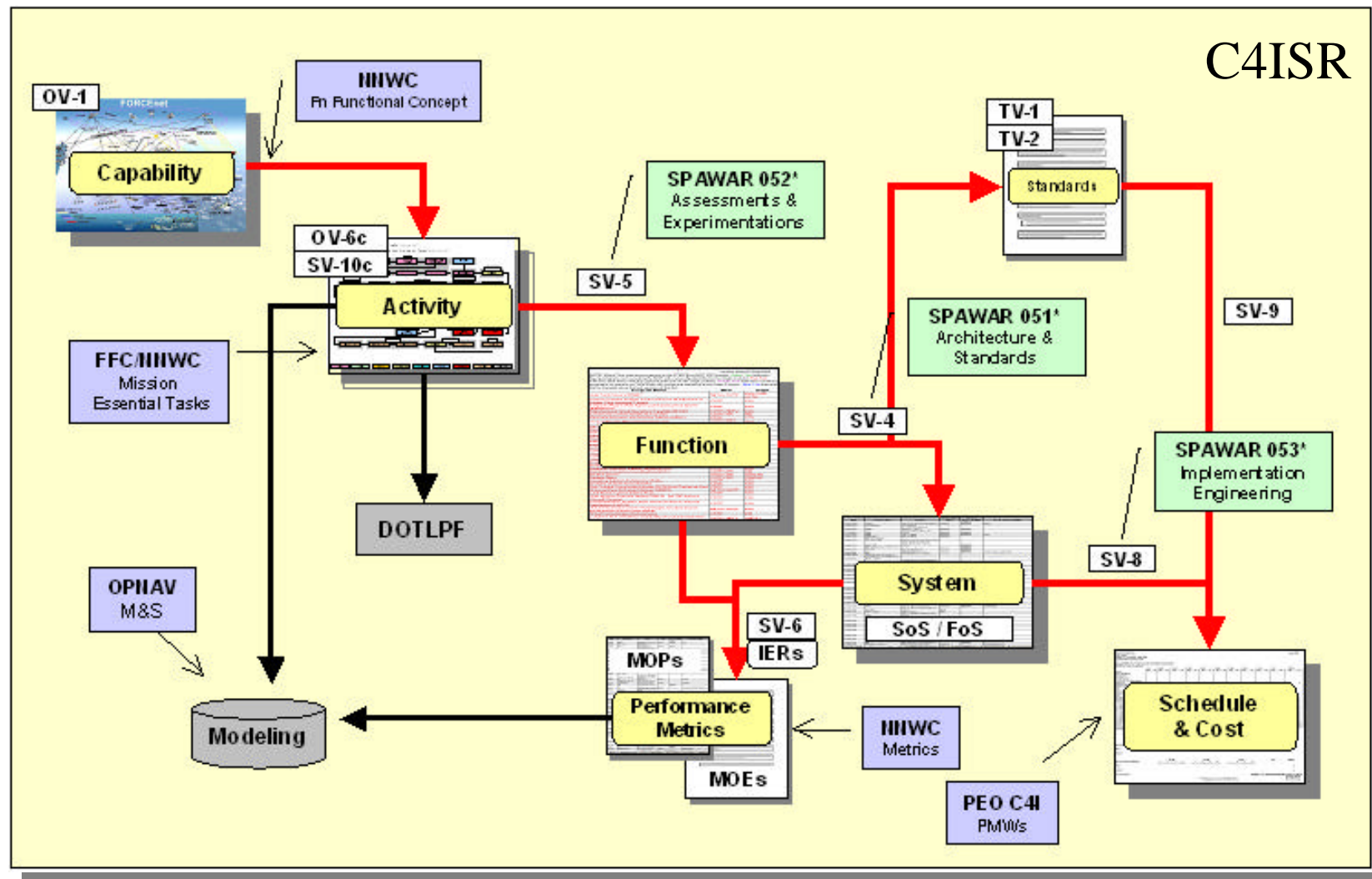


Naval Capability Assessment





Decomposing Capability

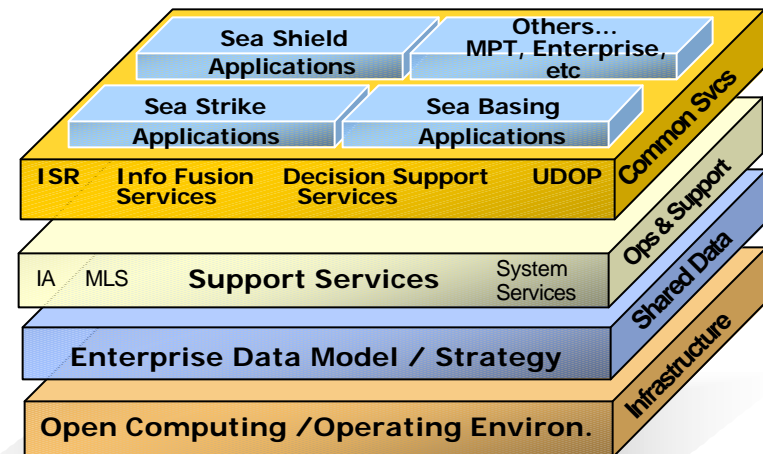
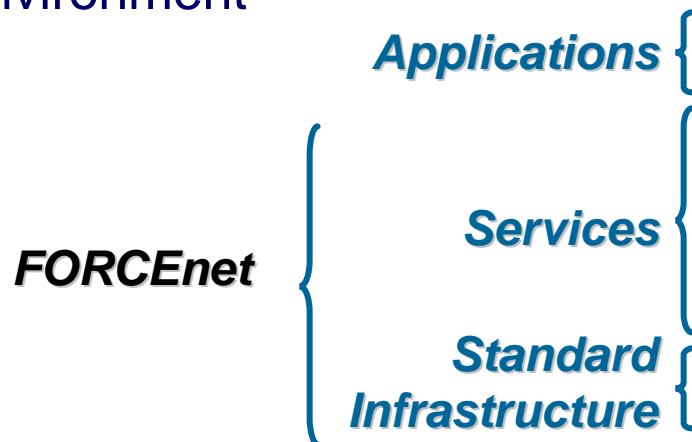




Integrating Capabilities



- Common Operational and Support Processes
- Common Services
- Enterprise Data Model and Strategy
- Information Assurance
- Multi-level Security
- User Defined Operational Picture
- Open Standard Computing/ Operating Environment





FORCEnet Capability List (FCL)



- ***The FORCEnet Operational Agent's (NNWC) authoritative source document for priority, phasing, and pacing of capability evolution***
- ***Entails significant collaboration for programming, S&T and acquisition community participation to develop***
- ***Provides the strategy and synchronization supporting the Fleet, Resource Sponsors and Acquisition Communities.***
 - ***Drives capabilities-based integrated products for the fleet.***
 - ***Synchronizes delivery, planning and programming timelines of systems and infrastructure.***
 - ***Reveal gaps and overlaps in capability.***

Process & timeline support Fleet POM08 relevance



Measuring the Value of C5ISR

Warfighting ROI

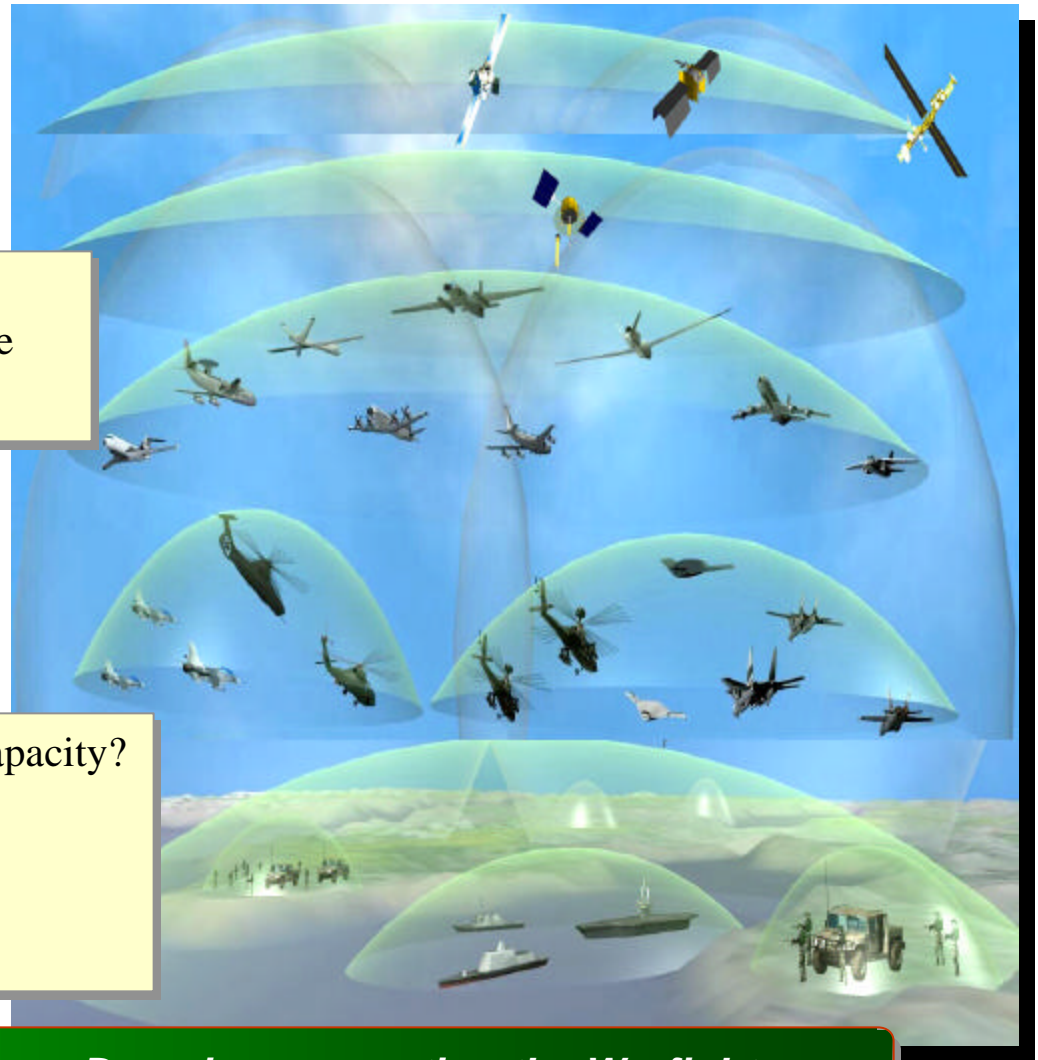
- Kill Rate / Attrition
- Damage / # of Targets Destroyed
- Duration / Elapse / Cycle Times
- Engagement rates / % success

Challenge linking metrics in the cognitive domain with those in the traditional warfighting domain

Information (Cognitive) ROI

- Timeliness of Critical information
- Process management of relevant data
- Correlation & Fusion
- Interoperability with Allies/Coalition

- What's the value of improving capacity?
- ... Decision / Processing Speed?
- ... Automated Decision Tools?
- ... Training?
- ... Multi-level Security?

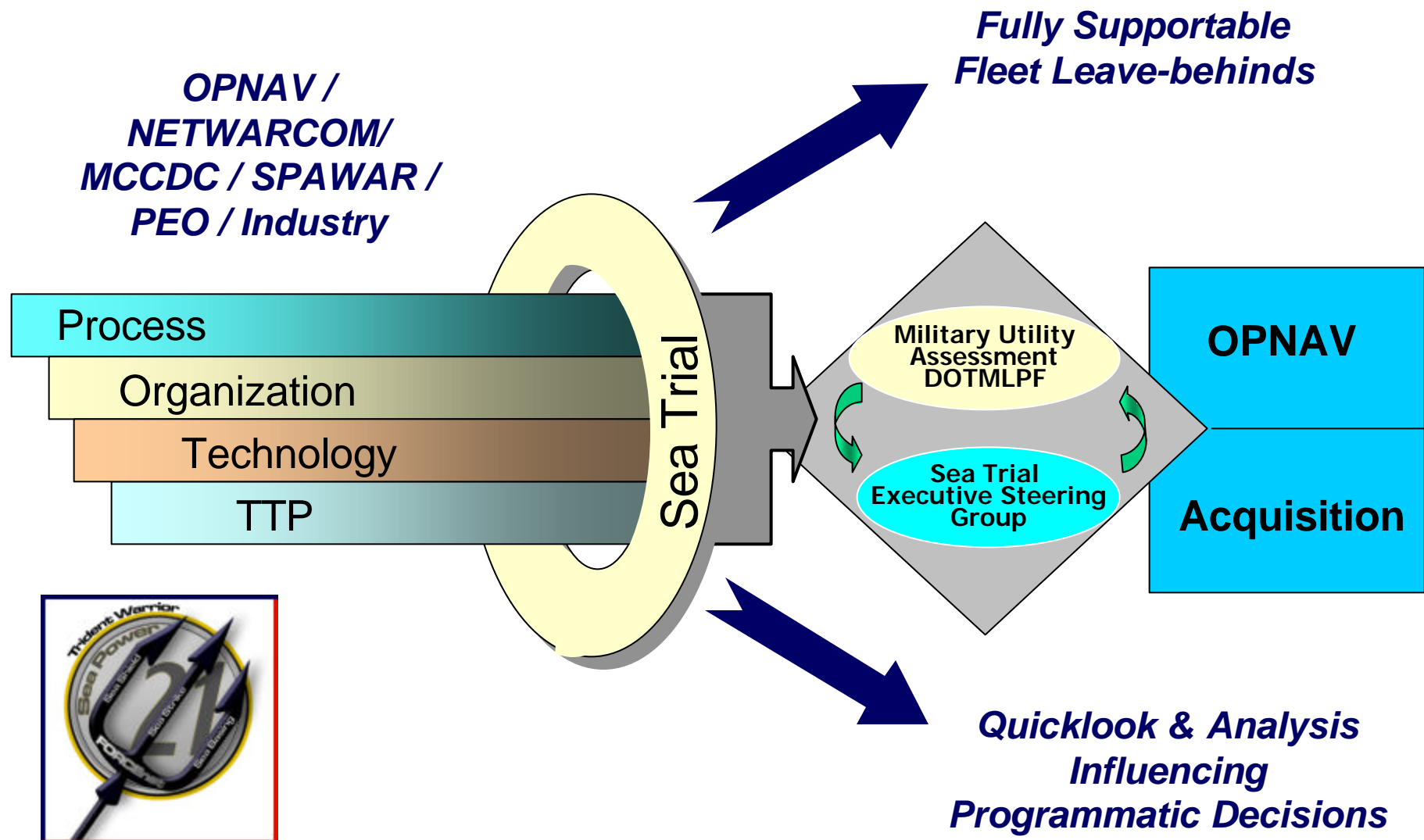


Optimize Sea Warrior / Business Domains supporting the Warfighter



Trident Warrior

Goal: Fleet Driven Speed to Capability





Back-up



FORCEnet Technical Compliance Categories



- ***CAT 1: Non-compliant (Retire):***
 - ***Programs That Do Not Exhibit Net-centric Capabilities, Are Not Deemed Essential for Continued Operations or Business Processes of the Department, and Will Be Planned for Termination***
- ***CAT 2: Legacy Being Sustained (Retain):***
 - ***Current Programs That Do Not Exhibit Net-centric Capabilities and Are Not Planned for Transformation, but Are Essential for Current Operations and Business Process Needs of the Department***
- ***CAT 3: Legacy Being Transformed (Refreshed):***
 - ***Current Programs That Have an Approved Plan to Comply With Net-centric Capabilities and Domain Requirements of the Department***
- ***CAT 4: New Start/In Development:***
 - ***Programs Are Born Net-centric and Meet Domain Requirements. They Exhibit All the Capabilities Needed to Ensure Compliance With DoD Net-centric Domain Models and Regulations***